| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-----------|------|--|--|---------------------|---------|------------------|
| S1 | 87 | 380/231.ccls. USPAT | | OR | OFF | 2004/07/13 15:20 |
| S2 | 120 | 380/231.ccls. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 15:22 |
| S3 | 36 | 380/231.ccls. and key.ab. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 15:23 |
| S4 | 30 | 380/231.ccls. and key.ab. and encrypt\$4 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/21 09:52 |
| S5 | 3 | 380/231.ccls. and key.ab. and encrypt\$4 and ((dual double repeat\$5) with encrypt\$4) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 15:40 |
| S6 | 14 | 713/165.ccls. and key.ab. and encrypt\$4 and ((dual double repeat\$5) with encrypt\$4) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 16:21 |
| S7 | 11 | 713/202.ccls. and key.ab. and encrypt\$4 and ((dual double repeat\$5) with encrypt\$4) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR . | OFF | 2004/07/13 16:22 |
| S8 | 4 | dual-encrypted | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 16:25 |
| S9 | 156 | "secondary key".ab. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 16:25 |
| S10 | 7 | "secondary key".ab. and encrypt.ab. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 16:44 |

| Ctt | | (1-14-11) | | | | |
|-----|------|--|--|----|-----|------------------|
| S11 | 0 | (dual double) with encrypt.ti. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 16:46 |
| S12 | 187 | 380/281.ccls. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 16:47 |
| S13 | 187 | 380/281.ccls. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 17:18 |
| S14 | 241 | 380/281.ccls. 380/284.ccls. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 17:19 |
| S15 | 0 | (380/281.ccls. 380/284.ccls.) and "attachment file" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 17:23 |
| S16 | 9 | (380/281.ccls. 380/284.ccls.) and "attachment" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 17:52 |
| S17 | 766 | ((master primary) near5 key) and ((second\$3 alternate) near5 key) and ((access permission key code) with file) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 17:52 |
| S18 | 1227 | 380/201.ccls. ((master primary) near5 key) and ((second\$3 alternate) near5 key) and ((access permission key code) with file) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 17:53 |
| S19 | 5 | 380/201.ccls. and((master primary) near5 key) and ((second\$3 alternate) near5 key) and ((access permission key code) with file) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 18:13 |
| S20 | 160 | "380"/\$.ccls. and ((master primary) near5 key) and ((second\$3 alternate) near5 key) and ((access permission key code) with file) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 18:13 |

| S21 | 81 | "380"/\$.ccls. and "713"/\$.ccls. and ((master primary) near5 key) and ((second\$3 alternate) near5 key) and ((access permission key code) with file) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/13 18:13 |
|-----|-----|--|--|----|-----|------------------|
| S22 | 281 | ("380"/\$.ccls. "713"/\$.ccls.) and ((master primary) near5 key) and ((second\$3 alternate) near5 key) and ((access permission key code) with file) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 11:22 |
| S23 | 798 | ("380"/\$.ccls. "713"/\$.ccls.) and ((master primary) near5 key) and ((second\$3 alternate) near5 key) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 11:23 |
| S24 | 522 | ("380"/\$.ccls. "713"/\$.ccls.) and ((master primary) near5 key) and ((second\$3 alternate) near5 key) and key.ab. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 11:23 |
| S25 | 41 | ("380"/\$.ccls. "713"/\$.ccls.) and ((master primary) near5 key) and ((second\$3 alternate) near5 key) and key.ab. and (repeat\$5 duplicat\$4 doubl\$4 dual\$4) adj encrypt\$5 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 13:08 |
| S26 | 27 | ((repeat\$5 duplicat\$4 doubl\$4 dual\$4) adj encrypt\$5).ti. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 13:16 |
| S27 | 3 | ((repeat\$5 duplicat\$4 doubl\$4 dual\$4) adj encrypt\$5) with "digital content" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 13:17 |
| S28 | 25 | ((repeat\$5 duplicat\$4 doubl\$4 dual\$4) adj encrypt\$5) same "digital content" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 14:49 |
| S29 | 36 | number with access with "digital content" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 14:49 |

| S30 | 10 | number with access with "digital content" and key.ab. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 14:59 |
|-----|-------|---|--|----|-----|------------------|
| S31 | 2 | "triple encrypt" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 15:00 |
| S32 | . 1 | "digital file" with access with key.ti. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 15:01 |
| S33 | 1 | "digital file" with access with key.ab. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 15:02 |
| S34 | 2664 | (duplicat\$3 replicat\$3 copy\$3) with (block near3 data) | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/20 15:14 |
| S35 | 60 | (duplicat\$3 replicat\$3 copy\$3) with (block near3 data) and (second\$5 alternate sub) near2 key | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/14 15:03 |
| S36 | 332 | multiple near2 encrypt\$4 | USPAT | OR | OFF | 2004/07/14 18:15 |
| S37 | 4 | (multiple near2 encrypt\$4).ti. | USPAT | OR | OFF | 2004/07/14 18:17 |
| S38 | 4 | (multiple near2 encrypt\$4).ti. and key | USPAT | OR | OFF | 2004/07/14 18:17 |
| S39 | . 0 | "6091818".URPN. | USPAT | OR | OFF | 2004/07/19 17:46 |
| S40 | . 3 | ("5191611" "5703951" "5721781").PN. | USPAT | OR | OFF | 2004/07/19 17:46 |
| S41 | 342 | encrypt\$4 with (second\$4 adj key) | USPAT | OR | OFF | 2004/07/19 19:56 |
| S42 | 251 | (encrypt\$4 with (second\$4 adj key)) and "380"/\$.ccls. | USPAT | OR | OFF | 2004/07/19 18:54 |
| S43 | 2 | (encrypt\$4 with (second\$4 adj key)) and 380/251.ccls. | USPAT | OR | OFF | 2004/07/19 18:54 |
| S44 | 450 | ((double twich multiple) near2 encrypt\$5) | USPAT | OR | OFF | 2004/07/19 19:57 |
| S45 | . 497 | ((double twice multiple) near2 encrypt\$5) | USPAT | OR | OFF | 2004/07/19 19:57 |

| S46 | 5 | ((double twice multiple) near2 encrypt\$5).ti. | USPAT | OR | OFF | 2004/07/19 19:58 |
|-------|-----|---|--|----|-----|------------------|
| S47 | 5 | ((double twice multiple) near2 encrypt\$5) and (((double twice multiple) near2 encrypt\$5).ti.) | USPAT | OR | OFF | 2004/07/19 19:59 |
| S48 | 221 | ((double twice multiple) near2 (encrypt\$5 or encod\$3)).ab. | USPAT | OR | OFF | 2004/07/19 19:59 |
| S49 | 75 | ((double twice multiple) near2 (encrypt\$5 or encod\$3)).ti. | USPAT | OR | OFF | 2004/07/21 09:20 |
| S50 | 8 | ((double twice multiple) near2 (encrypt\$5 or encod\$3)).ti. with (digital).ti. | USPAT | OR | OFF | 2004/07/19 20:00 |
| S51 | 1 | "5917915".pn. | USPAT | OR | OFF | 2004/07/19 20:01 |
| S52 | 4 | "5917915".URPN. | USPAT | OR | OFF | 2004/07/19 20:00 |
| S53 | 4 | ("4677434" "4677552" "5282249" "5406626").PN. | USPAT | OR | OFF | 2004/07/19 20:01 |
| S54 | 2 | "6088793".pn. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/20 15:15 |
| S55 · | 2 | "6688793".pn. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/20 15:15 |
| S56 | . 2 | "6088793".pn. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/20 15:15 |
| S57 | 2 | "6097818".pn. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/20 15:16 |
| S58 | . 1 | "6097818".pn. | USPAT | OR | OFF | 2004/07/20 15:16 |
| S59 | 1 | "6263435".pn. | USPAT | OR | OFF | 2004/07/20 15:16 |
| S60 | 1 | "6088793".pn. | USPAT | OR | OFF | 2004/07/20 15:17 |
| S61 | 1 | "5138659".pn. | USPAT | OR | OFF | 2004/07/20 15:18 |
| S62 | 1 | "5504816".pn. | USPAT | OR | OFF | 2004/07/20 15:18 |
| S63 | 1 | "5301245".pn. | USPAT | OR | OFF | 2004/07/20 15:18 |

| , | · | | ······ | | | |
|------|------|--|--|----|-------|------------------|
| .S64 | 3 | "5923756".pn. or "6198824".pn. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/21 10:55 |
| S65 | 1981 | (duplicat\$4 replicat\$4 copy) near2 (block file data).ti. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/21 10:56 |
| S66 | 5 | (duplicat\$4 replicat\$4 copy) near2 (block file data).ti. and (multi\$6 dual duplicat\$4 repeat\$4) near2 encrypt\$5 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/21 11:05 |
| S67 | 340 | (duplicat\$4 replicat\$4 copy) near2 (block file data) and (multi\$6 dual duplicat\$4 repeat\$4 twice triple) near2 encrypt\$5 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/21 11:06 |
| S68 | 41 | (duplicat\$4 replicat\$4 copy) near2 (block file data) same (multi\$6 dual duplicat\$4 repeat\$4 twice triple) near2 encrypt\$5 | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF, | 2004/07/21 12:07 |
| S69 | 1 | (attachment) near2 "key file" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/27 13:08 |
| S70 | 7 | ("4405829" "4864494" "5138712" "5214702" "5572673" "5586260" "5604490").PN. | USPAT | OR | OFF | 2004/07/22 16:47 |
| S71 | 1 | (("4405829" "4864494" "5138712" "5214702" "5572673" "5586260" "5604490").PN.) and "digital certificate" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/22 16:47 |
| S72 | 1 | "6108583".pn. | USPAT | OR | OFF | 2004/07/22 13:34 |
| S73 | . 4 | "6684331".pn. or "5940507".pn. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF | 2004/07/27 14:26 |
| S74 | 9 | "footprint files" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | OFF . | 2004/07/27 14:27 |

| S75 | 34 | "footprint files" | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON . | 2004/07/27 14:27 |
|-----|------|--|--|----|------|------------------|
| S76 | 3 | "footprint files".ab. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/27 14:30 |
| S77 | | "footprint files".ab. and copy.ab. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/27 14:27 |
| S78 | 0 | "footprinting" and copy.ti. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/27 14:31 |
| S79 | 0 | "footprint" with copy.ti. | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/27 14:31 |
| S80 | 0 | "footprint" with copy with prohibit | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/27 14:31 |
| S81 | 75 | footprint with copy | US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB | OR | ON | 2004/07/27 14:31 |
| S82 | 49 | footprint with copy | USPAT | OR | ON | 2004/07/27 14:31 |
| S83 | 0 | footprint with copy.ab. | USPAT | OR | ON | 2004/07/27 14:31 |
| S84 | 0 | footprint with copy with host | USPAT | OR | ON | 2004/07/27 14:32 |
| S85 | 1 | footprint with copy with computer | USPAT | OR | ON | 2004/07/27 14:35 |
| S86 | 75 | footprint with file | USPAT | OR | ON | 2004/07/27 14:35 |
| S87 | . 2 | footprint with file.ti. | USPAT | OR | ON | 2004/07/27 14:36 |
| S88 | . 3 | footprint with "file.ab" | USPAT | OR | ON | 2004/07/27 15:43 |
| S89 | 18 | add with footprint with system | USPAT | OR | ON | 2004/07/27 15:44 |
| S90 | 2092 | footprint with system | USPAT | OR | ON | 2004/07/27 15:45 |
| S91 | 115 | footprint with system with (file data) | USPAT | OR | ON | 2004/07/27 15:45 |

| | , | Million | | | | |
|----------|-------|---|------------------------------|-----|-----|------------------|
| S92 | 28 | footprint with system with (file data) with (computer host) | USPAT | OR | ON | 2004/07/27 15:45 |
| S12 5 | 1 | "6105027".pn. | USPAT | OR | OFF | 2005/03/22 18:32 |
| S12 6 | 9 | (credential\$5 token\$5 certificat\$5) with (trust quality) with (rating score\$2) | USPAT | OR | ON | 2005/03/22 18:44 |
| S12 7 | 268 | (credential\$5 token\$5 certificat\$5) with (trust quality) with (rating score\$2 level) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/22 18:46 |
| S12 8 | 324 | (credential\$5 token\$5 certificat\$5) with (trust quality confidence) with (rating score\$2 level) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/22 18:46 |
| S12 9 | 114 | (credential\$5 token\$5 certificat\$5) with (trust quality confidence) with (rating score\$2 level) and (certificat\$5 with (path\$5 hierarch\$5 tree chain\$5)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/22 18:47 |
| S13 0 | 48 | (credential\$5 token\$5 certificat\$5) with (trust quality confidence) with (rating score\$2 level) same (certificat\$5 with (path\$5 hierarch\$5 tree chain\$5)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/23 15:45 |
| S13 1 | 9 | (multipl\$5 plurality number\$5) with (certificat\$5 adj path\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/23 15:53 |
| S13 2 | 30271 | (multipl\$5 plurality number\$5) with (certificat\$5) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/03/23 15:53 |
| S13 3 | 661 | (double dual multiple multi) adj encrypt\$5 | US-PGPUB; USPAT | OR | OFF | 2005/03/23 22:55 |
| S13 4 | 661 | (double dual multiple multi) adj encrypt\$5 | US-PGPUB; USPAT | OR | ON | 2007/06/27 19:31 |
| S13 5 | 10 | S134 and (attachment adj file) | US-PGPUB; USPAT | OR | ON | 2005/03/23 22:56 |
| S13 6 | 129 | (double dual multiple multi) adj encrypt\$5 and ((subsquent\$2 second\$4)adj key) | US-PGPUB; USPAT | OR. | ON | 2005/03/23 23:20 |
| S13 7 | 1 | "5917915".pn. | US-PGPUB; USPAT | OR | ON | 2005/03/23 23:45 |
| S13 8 | 7 | melnychuck.in. | US-PGPUB; USPAT | OR | ON | 2005/03/23 23:45 |
| S13 9 | 11 | melnychuck.in. | US-PGPUB; USPAT; EPO | OR | ON | 2005/03/24 00:11 |

| S14 0 | 2384 | master adj key | US-PGPUB; USPAT; EPO | OR | ON | 2005/03/24 00:11 |
|----------|--------|--|--|-----|-----|------------------|
| S14 1 | 152 | master adj key and ((encrypt adj key)) | US-PGPUB; USPAT; EPO | OR. | ON | 2005/03/24 00:12 |
| S14 2 | 30 | master adj key and ((encrypt adj key)) and (decrypt adj key) | US-PGPUB; USPAT; EPO | OR | ON | 2005/03/24 00:44 |
| S14 3 | 203 | 380/281.ccls. | US-PGPUB; USPAT; EPO | OR | ON | 2005/03/24 00:44 |
| S14 4 | 8 | 380/281.ccls. and (secondary adj key) | US-PGPUB; USPAT; EPO | OR | ON | 2005/03/24 00:45 |
| S14 5 | 2 | "5917915".pn. "6587842".pn. | US-PGPUB; USPAT | OR | ON | 2007/06/27 19:32 |
| S14 6 | 2419 | (dual\$4 with (encrypt\$4 encod\$4)) | USPAT | OR | OFF | 2007/06/28 11:24 |
| S14 7 | 500186 | (dual\$4 neawr2 (encrypt\$4 encod\$4)) | USPAT | OR | OFF | 2007/06/28 11:24 |
| S14 8 | 719 | (dual\$4 near2 (encrypt\$4 encod\$4)) | USPAT | OR | OFF | 2007/06/28 11:26 |
| S14 9 | 419 | (dual\$4 near2 (encrypt\$4 encod\$4)) and @py<"2001" | USPAT | OR | OFF | 2007/06/28 11:26 |
| S15 0 | 40 | (dual\$4 near2 (encrypt\$4 encod\$4)) and @py<"2001" and ("713"/\$.ccls. "380"/\$.ccls.) | USPAT | OR | OFF | 2007/06/28 11:27 |
| S15 1 | 10 | (dual\$4 adj (encrypt\$4 encod\$4)) and @py<"2001" and ("713"/\$.ccls. "380"/\$.ccls.) | USPAT | OR | OFF | 2007/06/28 11:27 |
| S15 2 | 10 | (dual\$4 adj (encrypt\$4 encod\$4)) and @py<"2001" and ("713"/\$.ccls. "380"/\$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; | OR | OFF | 2007/06/28 11:30 |
| | • | | DERWENT; IBM_TDB | | | |
| S15 3 | 213 | ((doubl\$4 tripl\$4 multiple multi\$4) adj (encrypt\$4 encod\$4)) and @py<"2001" and ("713"/\$.ccls. "380"/\$.ccls.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 14:58 |

| S15 4 | 145 | cryptolope | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/28 14:59 |
|----------|-----|------------|--|----|-----|------------------|
|----------|-----|------------|--|----|-----|------------------|